

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A light emitting module comprising:
 - a housing comprising a mount member and a lens holding member, the mount member having a support surface provided along a predetermined surface intersecting with a predetermined axis, a hole extending in a direction of the predetermined axis, a lead terminal passing through the hole, and a component mounting surface provided along the predetermined surface;
 - a semiconductor light emitting device having a light emitting surface intersecting with the predetermined axis and being mounted on the mount member;
 - a lens held by the lens holding member, the lens having a first surface which reflects part of light from the semiconductor light emitting device and transmits part of the light, and a second surface which outputs the light transmitted by the first surface; and
 - a semiconductor light receiving device having a light receiving surface for receiving the reflected light and being mounted on the mount member and arranged to receive the reflected light from the first surface,
 - ~~wherein the mount member has a support surface provided along a predetermined surface intersecting with a predetermined axis, a hole extending in a direction of the predetermined axis, and a lead terminal penetrating the hole, and~~
 - wherein the lens holding member is placed on the support surface of the mount member so as to cover the semiconductor light emitting device and the semiconductor light receiving device, and
 - wherein a distance between the light receiving surface of the semiconductor light receiving device and the component mounting surface is larger than a distance between the light

emitting surface of the semiconductor light emitting device and the component mounting surface.

2. (Currently Amended) The light emitting module according to Claim 1, wherein said semiconductor light emitting device comprises a surface emitting type semiconductor laser; ~~and wherein said semiconductor light emitting device has a light emitting surface provided along another surface intersecting with the predetermined axis.~~

3. (Cancelled).

4. (Cancelled).

5. (Original) The light emitting module according to Claim 1, wherein the lens has a reflecting film capable of reflecting part of the light from the semiconductor light emitting device and transmitting part of the light, on the first surface.

6. (Original) The light emitting module according to Claim 5, wherein the reflecting film demonstrates a reflectance of not less than 5%.

7. (Original) The light emitting module according to Claim 6, wherein the reflecting film further demonstrates the reflectance of not more than 30%.

8. (Original) The light emitting module according to Claim 1, wherein the lens is a ball lens.

9. (Original) The light emitting module according to Claim 1, wherein the semiconductor light emitting device has a luminescence intensity profile having a peak intensity at a predetermined angle of inclination from the optical axis of the semiconductor light emitting device.

10. (Original) The light emitting module according to Claim 1, wherein the semiconductor light receiving device comprises a semiconductor chip with a hole extending in

the direction of the predetermined axis, and a light receiving portion provided in the semiconductor chip and along a closed curve surrounding the predetermined axis, and wherein the semiconductor light emitting device is housed in the hole of the semiconductor light receiving device.

11. (Original) The light emitting module according to Claim 1, further comprising an optical fiber optically coupled to the second surface of the lens and held by the housing.

12. (Currently Amended) ~~The A~~ light emitting module ~~according to Claim 1, further comprising:~~

a housing comprising a mount member and a lens holding member;

a semiconductor light emitting device having a type of surface emitting semiconductor laser with a luminescence intensity profile with a peak intensity profile having an inclination from an optical axis of the semiconductor light emitting device, the semiconductor light emitting device being mounted on the mount member;

a lens held by the lens holding member, the lens having a first surface with a reflecting film thereon capable of reflecting part of light from the semiconductor light emitting device and transmitting part of the light, and a second surface for outputting the light transmitted by the first surface, the first surface and the second surface being convex surfaces;

a semiconductor light receiving device mounted on the mount member and arranged to receive the reflected light from the first surface; and

an optical fiber optically and directly coupled to the second surface of the lens and held by the housing,

~~wherein the semiconductor light emitting device comprises a surface emitting type semiconductor laser;~~

~~wherein the first surface and the second surface of the lens are convex surfaces,~~

wherein a light emitting surface of the semiconductor light emitting device is optically and directly coupled to the first surface of the lens, ~~and~~

~~wherein the lens has a reflecting film capable of reflecting part of the light from the semiconductor light emitting device and transmitting part of the light, on the first surface.~~

13. (Original) The light emitting module according to Claim 12, wherein the light emitting surface of the semiconductor light emitting device is provided along another surface intersecting with the predetermined axis.

14. (Original) The light emitting module according to Claim 12, wherein the semiconductor light receiving device has a light receiving surface for receiving said reflected light, and wherein the light receiving surface is provided along another surface intersecting with the predetermined axis.

15. (Currently Amended) ~~The~~ A light emitting module comprising:
~~according to Claim 12, wherein the mount member has a component mounting surface provided along a predetermined surface intersecting with the predetermined axis, and~~
a housing comprising a mount member and a lens holding member, the mount member having a support surface provided along a predetermined surface intersecting with a predetermined axis, a hole extending in a direction of the predetermined axis, a lead terminal passing through the hole, and a component mounting surface provided along the predetermined surface;
a semiconductor light emitting device having a light emitting surface intersecting with the predetermined axis and being mounted on the mount member;

a lens held by the lens holding member, the lens having a first surface which reflects part of light from the semiconductor light emitting device and transmits part of the light, and a second surface which outputs the light transmitted by the first surface ; and

a semiconductor light receiving device having a light receiving surface for receiving the reflected light and being mounted on the mount member,

an optical fiber optically and directly coupled to the second surface of the lens and held by the housing;

wherein the lens holding member is placed on the support of the mount member so as to cover the semiconductor light emitting device and the semiconductor light receiving device, and

wherein a distance between a light receiving surface of the semiconductor light receiving device and the component mounting surface is larger than a distance between the light emitting surface of the semiconductor light emitting device and the component mounting surface.

16. (Currently Amended) The light emitting module according to Claim 15, 42, wherein the reflecting film demonstrates a reflectance of not less than 5%.

17. (Original) The light emitting module according to Claim 16, wherein the reflecting film further demonstrates the reflectance of not more than 30%.

18. (Currently Amended) The light emitting module according to Claim 15, 42, wherein the lens is a ball lens.

19. (Currently Amended) The light emitting module according to Claim 15, 42, wherein the semiconductor light emitting device has a luminescence intensity profile having a peak intensity at a predetermined angle ~~of inclination from the~~ inclined to an optical axis of the semiconductor light emitting device.

20. (Currently Amended) The light emitting module according to Claim 15, ~~12~~, wherein the semiconductor light receiving device comprises a semiconductor chip with a hole extending in the direction of the predetermined axis, and a light receiving portion provided in the semiconductor chip and along a closed curve surrounding the predetermined axis, and

wherein the semiconductor light emitting device is housed in the hole of the semiconductor light receiving device.